BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work **:- Improvements of roads,drains and other allied works at SanjeevaniNagar and surrounding area in ward no. 09 hebbala Kempapura.**

									Estimate Cost Rs.	30000000.00
Sl No	Description	Unit	No	Dimensions			Qty	Rate	Amount	
				L	B	D				
1	2	3	4	5	6	7	8	9	10	
1	Removing and resetting of footpath slab (Approved arrival rate).	Sqm								
	16th Cross Sanjeevininagar		1	170.00	0.90		153.00			
	15th Cross Sanjeevininagar		1	100.00	0.90		90.00			
	10th Cross Sanjeevininagar		2	112.00	0.90		201.60			
	9th Cross Sanjeevininagar		2	190.00	0.90		342.00			
	1st Main Sanjeevininagar		2	216.00	0.90		388.80			
	3rd Main Sanjeevininagar		2	300.00	0.90		540.00			
	Cauvery B Ed College 13th Main From 0.00 Ch to 710.00 Ch		2	750.00	0.90		1350.00			
	Cross Road From 4th Cross To Dead End		2	135.00	0.90		243.00			
						Sub-Total	3308.40			
	Deduct 20% Missing Slabs					0.20	661.68			
						Sub-Total A	2646.72			
	Culvert									
			10	6.00	1.50		90.00			
			1	8.00	1.50		12.00			
						Sub-Total	102.00			
	Deduct 20% Missing Slabs					0.20	20.40			
						Sub-Total B	81.60			
						Total A+B	2728.32	235.00	641155.00	
	Data Rate	235.00								
2	Removing and resetting of kerb stone (Approved arrival rate).	Rmtr								
	Cauvery B Ed College 13th Main		2	750.00			1500.00			
						Sub-Total	1500.00			
	Deduct 20 % Missing Kerbs					0.20	300.00			
						Total	1200.00	118.00	141600.00	
	Data Rate	118.00								
3	Dismantling of cement concrete pavement by echanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at esignated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately Ref. to MoRT&H Spec 202 Page No. 12 / Item No. 2.19 PWD SR 2023-24 Vol.III	Cum								
	Culverts									
			5	5.50	1.80	0.20	9.90			
	Existing C C Roads									
	16th Cross Sanjeevininagar		1	170.00	4.50	0.25	191.25			
	15th Cross Sanjeevininagar		1	100.00	3.50	0.25	87.50			
	10th Cross Sanjeevininagar		1	112.00	5.00	0.25	140.00			
	9th Cross Sanjeevininagar		1	190.00	4.80	0.25	228.00			
	7th Cross Sanjeevininagar		1	83.00	3.30	0.25	68.48			
	6th Cross Sanjeevininagar		1	70.00	3.50	0.25	61.25			
	5th Cross Sanjeevininagar		1	93.00	4.50	0.25	104.63			
	1st Main Sanjeevininagar		1	216.00	6.00	0.25	324.00			
	2nd Main Sanjeevininagar		1	100.00	4.00	0.25	100.00			
	Cross Road		1	200.00	4.00	0.25	200.00			
						Total	1515.00	619.30	938240.00	
	Basic Rate	563.00								
	Area Waeightage @ 10%	56.30								
	Total Rate	619.30								
4	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth (Item No 1.4.1 (Vol-I) Page No 5). PWD SR 2023-24 Vol.I	Cum								

Sl No	Description	Unit	No	Dimensions			Qty	Rate	Amount
				L	B	D			
1	2	3	4	5	6	7	8	9	10
	Drain Desilting								
	16th Cross Sanjeevininagar		1	170.00	0.60	0.45	45.90		
	15th Cross Sanjeevininagar		1	100.00	0.60	0.45	27.00		
	10th Cross Sanjeevininagar		2	112.00	0.60	0.45	60.48		
	9th Cross Sanjeevininagar		2	190.00	0.60	0.45	102.60		
	1st Main Sanjeevininagar		2	216.00	0.60	0.45	116.64		
	3rd Main Sanjeevininagar		2	300.00	0.60	0.45	162.00		
	Cauvery B Ed College 13th Main		2	750.00	0.60	0.45	405.00		
	Cross Road From 4th Cross To Dead End		2	135.00	0.60	0.45	72.90		
	Culvert Desilting								
			10	6.00	0.90	0.50	27.00		
			1	8.00	0.90	0.50	3.60		
	New Rcc Culverts								
			5	5.50	1.80	1.00	49.50		
						Total	1072.62	266.20	285531.00
	Basic Rate	**242.00**							
	Area Waeightage @ 10%	24.20							
	Total Rate	**266.20**							
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (Item No 2.1.4 (Vol-I) Page No 15,PWD SR 2023-24	Cum							
	Copping Concrete								
	16th Cross Sanjeevininagar		2	170.00	0.20	0.10	6.80		
	15th Cross Sanjeevininagar		2	100.00	0.20	0.10	4.00		
	10th Cross Sanjeevininagar		4	112.00	0.20	0.10	8.96		
	9th Cross Sanjeevininagar		4	190.00	0.20	0.10	15.20		
	1st Main Sanjeevininagar		4	216.00	0.20	0.10	17.28		
	3rd Main Sanjeevininagar		4	300.00	0.20	0.10	24.00		
	Cauvery B Ed College 13th Main		4	750.00	0.20	0.10	60.00		
	Cross Road From 4th Cross To Dead End		4	135.00	0.20	0.10	10.80		
	For Culvert								
			20	6.00	0.20	0.10	2.40		
			2	8.00	0.20	0.10	0.32		
	For Culvert Ramp								
			20	6.00	1.00	0.25	30.00		
			2	8.00	0.20	0.10	0.32		
	New Rcc Culverts Bed concrete								
			5	5.50	1.80	0.10	4.95		
						Total	185.03	6838.70	1265365.00
	Basic Rate	**6217.00**							
	Area Waeightage @ 10%	621.70							
	Total Rate	**6838.70**							
6	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary,. including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates(Item No 2.3.2 (Vol-I) Page No 16,PWD SR 2023-24	Cum							
	For New Rcc culvert								
	For Raft		5	5.50	1.60	0.20	8.80		
	For Side Wall		10	5.50	0.20	0.90	9.90		
						Total	18.70	7840.80	146623.00
	Basic Rate	**6480.00**							
	Area Waeightage @ 10%	648.00							

Sl No	Description	Unit	No	Dimensions			Qty	Rate	Amount
				L	B	D			
1	2	3	4	5	6	7	8	9	10
	Total Rate	7128.00							
	Centring & Shuttering @ 10%	712.80							
	Total Rate	**7840.80**							
7	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification All other type of structures(Item No 2.11 h (Vol-I) Page No 18,of PWD SR 2023-24	**Tonne**							
	Qty Vide item no 5. 90Kg /Cum for Culvert		1	18.70		90.00	1683.00	KG	
							1683.00	KG	
							1.68		
						Total	**1.68**	**86912.10**	**146273.00**
	Basic Rate	**79011.00**							
	Area Waeightage @ 10%	7901.10							
	Total Rate	**86912.10**							
8	Providing and laying 100mm thick pre-cast cover slabs over Road side drains / utility ducts / Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars Fe 550 @ 6kg/m2, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drain age of urface water including of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete.(Item No 17.14 (Vol-II) Page No 177,of PWD SR 2023-24	**Sqm**							
	New 100mm Slabs								
	Qty vide item no 1 take 20% for missing/damaged Slabs		1	661.68	--	--	661.68		
						Total	**661.68**	**1287.00**	**851582.00**
	Basic Rate	**1170.00**							
	Area Waeightage @ 10%	117.00							
	Total Rate	**1287.00**							
9	Providing and fixing **230 mm thick** pre cast reinforced concrete slab as per design and drawing material cost, transportation, hire charges of machinery complete with all lead and lift conveyance charges labour charges inclusive of cost of all materials (As per data rate).	**Sqm**							
	New 230mm Slabs								
	Qty vide item no 1 take 20% for missing/damaged Slabs		1	20.40	--	--	20.40		
	For Culvert		1	8.00	1.50	--	12.00		
			5	5.50	1.80	--	49.50		
						Total	**81.90**	**5037.00**	**412530.00**
	Data Rate	**5037.00**							
10	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges) (Data Rate).	**Nos**							
	New Kerb Stones								
	Qty vide item no 1 take 20 % for missing/damaged Kerbs		1	300.00	--	--	300.00		
							300.00		
						0.45	**666.67**		
						Total	**667.00**	**507.00**	**338169.00**
	Data Rate	**507.00**							
11	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces(Item No 8.10 (Vol-III) Page No 66).PWD SR 2023-24	**Sqm**							
	Cauvery B Ed College 13th Main		2	750.00		0.35	525.00		
						Total	**525.00**	**119.90**	**62948.00**
	Basic Rate	**109.00**							
	Area Waeightage @ 10%	10.90							
	Total Rate	**119.90**							

Sl No	Description	Unit	No	Dimensions			Qty	Rate	Amount
				L	B	D			
1	2	3	4	5	6	7	8	9	10
12	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2023-24)	Cum							
	New C C Roads								
	16th Cross Sanjeevininagar		1	170.00	4.50	0.20	153.00		
	15th Cross Sanjeevininagar		1	100.00	3.50	0.20	70.00		
	10th Cross Sanjeevininagar		1	112.00	5.00	0.20	112.00		
	9th Cross Sanjeevininagar		1	190.00	4.80	0.20	182.40		
	7th Cross Sanjeevininagar		1	83.00	3.30	0.20	54.78		
	6th Cross Sanjeevininagar		1	70.00	3.50	0.20	49.00		
	5th Cross Sanjeevininagar		1	93.00	4.50	0.20	83.70		
	1st Main Sanjeevininagar		1	216.00	6.00	0.20	259.20		
	2nd Main Sanjeevininagar		1	100.00	4.00	0.20	80.00		
	Cross Road		1	200.00	4.00	0.20	160.00		
						Sub total	**1204.08**		
	For Asphalt Road								
	3rd Main Sanjeevininagar		1	300.00	5.70	0.20	342.00		
	Cauvery B Ed College 13th Main		1	840.00	7.80	0.20	1310.40		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50	0.20	148.50		
	Cross road Park Surrounding		1	235.00	5.00	0.20	235.00		
						Sub total	**2035.90**		
	Consider 20% Damage					0.20	**407.18**		
						Total	**1611.26**	**104.50**	**168377.00**
	Basic Rate	**95.00**							
	Area Waeightage @ 10%	9.50							
	Total Rate	**104.50**							
13	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates .(PWD SR 2023-24 Vol -I,Pg No.15,Item No 2.1.1)	Cum							
	New C C Roads								
	16th Cross Sanjeevininagar		1	170.00	4.50	0.125	95.63		
	15th Cross Sanjeevininagar		1	100.00	3.50	0.125	43.75		
	10th Cross Sanjeevininagar		1	112.00	5.00	0.125	70.00		
	9th Cross Sanjeevininagar		1	190.00	4.80	0.125	114.00		
	7th Cross Sanjeevininagar		1	83.00	3.30	0.125	34.24		
	6th Cross Sanjeevininagar		1	70.00	3.50	0.125	30.63		
	5th Cross Sanjeevininagar		1	93.00	4.50	0.125	52.31		
	1st Main Sanjeevininagar		1	216.00	6.00	0.125	162.00		
	2nd Main Sanjeevininagar		1	100.00	4.00	0.125	50.00		
	Cross Road		1	200.00	4.00	0.125	100.00		
						Total	**752.55**	**5871.80**	**4418823.00**
	Basic Rate	**5338.00**							
	Area Waeightage @ 10%	533.80							
	Total Rate	**5871.80**							

Sl No	Description	Unit	No	Dimensions			Qty	Rate	Amount
				L	B	D			
1	2	3	4	5	6	7	8	9	10
14	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383:2016:, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, primer, sealant, curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials. labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work (V-III, P.No-49,I No-16.28, 1501. KPWD SR 2023-24).	Cum							
	New C C Roads								
	16th Cross Sanjeevininagar		1	170.00	4.50	0.125	95.63		
	15th Cross Sanjeevininagar		1	100.00	3.50	0.125	43.75		
	10th Cross Sanjeevininagar		1	112.00	5.00	0.125	70.00		
	9th Cross Sanjeevininagar		1	190.00	4.80	0.125	114.00		
	7th Cross Sanjeevininagar		1	83.00	3.30	0.125	34.24		
	6th Cross Sanjeevininagar		1	70.00	3.50	0.125	30.63		
	5th Cross Sanjeevininagar		1	93.00	4.50	0.125	52.31		
	1st Main Sanjeevininagar		1	216.00	6.00	0.125	162.00		
	2nd Main Sanjeevininagar		1	100.00	4.00	0.125	50.00		
	Cross Road		1	200.00	4.00	0.125	100.00		
						Total	**752.55**	**7429.40**	**5590995.00**
	Basic Rate	**6754.00**							
	Area Waeightage @ 10%	675.40							
	Total Rate	**7429.40**							
15	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying inuniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (PWD SR 2023-24, Item No 4.27 (Vol-III) Page No 24).	Cum							
	For Asphalt Road								
	3rd Main Sanjeevininagar		1	300.00	5.70	0.15	256.50		
	Cauvery B Ed College 13th Main		1	840.00	7.80	0.15	982.80		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50	0.15	111.38		
	Cross road Park Surrounding		1	235.00	5.00	0.15	176.25		
						Sub total	**1526.93**		
	Consider 20% Damage					0.20	**305.39**		
						Total	**305.39**	**2814.90**	**859628.00**
	Basic Rate	**2559.00**							
	Area Waeightage @ 10%	255.90							
	Total Rate	**2814.90**							
16	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.(PWD SR 2023-24, Item No 5.1 Page No 31 Vol - III)	Sqm							
	For Asphalt Road								
	3rd Main Sanjeevininagar		1	300.00	5.70		1710.00		
	Cauvery B Ed College 13th Main		1	840.00	7.80		6552.00		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50		742.50		
	Cross road Park Surrounding		1	235.00	5.00		1175.00		
						Sub total	**10179.50**		
	Consider 20% Damage					0.20	**2035.90**		
	For Profile Correction								
	3rd Main Sanjeevininagar		1	300.00	5.70		1710.00		
	Cauvery B Ed College 13th Main		1	840.00	7.80		6552.00		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50		742.50		
	Cross road Park Surrounding		1	235.00	5.00		1175.00		
						Sub total	**10179.50**		

Sl No	Description	Unit	No	Dimensions L	B	D	Qty	Rate	Amount
1	2	3	4	5	6	7	8	9	10
	Consider 15% Damage					0.15	1526.93		
						Total	3562.83	45.10	160683.00
	Basic Rate	41.00							
	Area Waeightage @ 10%	4.10							
	Total Rate	45.10							
17	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (PWD SR 2023-24, Vol-III, Page No-35,Item No-5.12C	Cum							
	For Asphalt Road								
	3rd Main Sanjeevininagar		1	300.00	5.70	0.05	85.50		
	Cauvery B Ed College 13th Main		1	840.00	7.80	0.05	327.60		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50	0.05	37.13		
	Cross road Park Surrounding		1	235.00	5.00	0.05	58.75		
						Sub total	508.98		
	Consider 20% Damage					0.20	101.80		
	For Profile Correction								
	3rd Main Sanjeevininagar		1	300.00	5.70	0.05	85.50		
	Cauvery B Ed College 13th Main		1	840.00	7.80	0.05	327.60		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50	0.05	37.13		
	Cross road Park Surrounding		1	235.00	5.00	0.05	58.75		
						Sub total	508.98		
	Consider 15% Damage					0.15	76.35		
						Total	178.14	10393.90	1851582.00
	Basic Rate	9449.00							
	Area Waeightage @ 10%	944.90							
	Total Rate	10393.90							
18	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical means.(PWD SR 2023-24 Vol -III,Pg No. 31, Item No 5.3)	Sqm							
	3rd Main Sanjeevininagar		1	300.00	5.70		1710.00		
	Cauvery B Ed College 13th Main		1	840.00	7.80		6552.00		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50		742.50		
	Cross road Park Surrounding		1	235.00	5.00		1175.00		
						Total	10179.50	13.20	134369.00
	Basic Rate	12.00							
	Area Waeightage @ 10%	1.20							
	Total Rate	13.20							
19	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (V-III, P.No.38, I.No.5.16C of PWD SR 2023-24).	Cum							
	3rd Main Sanjeevininagar		1	300.00	5.70	0.04	68.40		
	Cauvery B Ed College 13th Main		1	840.00	7.80	0.04	262.08		
	Cross Road From 4th Cross To Dead End		1	135.00	5.50	0.04	29.70		
	Cross road Park Surrounding		1	235.00	5.00	0.04	47.00		
						Total	407.18	12049.40	4906275.00
	Basic Rate	10954.00							
	Area Waeightage @ 10%	1095.40							
	Total Rate	12049.40							

Sl No	Description	Unit	No	Dimensions L	B	D	Qty	Rate	Amount
1	2	3	4	5	6	7	8	9	10
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes (PWD SR 2023-24,Item No 8.15 Page No 67 Vol -III).	Sqm							
	3rd Main Sanjeevininagar		2.5	300.00	0.10		75.00		
	Cauvery B Ed College 13th Main Cross road Park Surrounding		2.5	840.00	0.10		210.00		
			2.5	235.00	0.10		58.75		
						Total	343.75	583.00	200406.00
	Basic Rate	530.00							
	Area Waeightage @ 10%	53.00							
	Total Rate	583.00							
21	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3) (PWD SR 2023-24 Vol-III Page No.5, Item No.1.1)	Cum							
	Qty Vide Item No. 3		1	1515.00	--	--	1515.00		
	Qty Vide Item No. 4		1	1072.62	--	--	1072.62		
	Qty Vide Item No.12		1	1611.26	--	--	1611.26		
						Total	4198.88	148.50	623534.00
	Basic Rate	135.00							
	Area Waeightage @ 10%	13.50							
	Total Rate	148.50							
22	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (PWD SR 2023-24 Vol-III Page No.5, Item No.1.4a)	T.Km							
	Qty Vide Item No. 22		1	4198.88	1.28	--	5374.57		
						Total	5374.57	198.00	1064164.00
	15Km = 12x15	180.00							
	Basic Rate	180.00							
	Area Waeightage @ 10%	18.00							
	Total Rate	198.00							
								Sub Total	25208852.00
								GST Charges @ 18%	4537593.36
								PMC Charges 1%	252088.52
								Miscellenious and Rounding off	1466.12
								Total Amount	30000000.00
	Three Hundred Lakh rupees only.								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2023-24
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09
Kempapura ward

Assistant Executive Engineer
Kedgehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Assistant Executive Engineer,
Jogeshwari Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

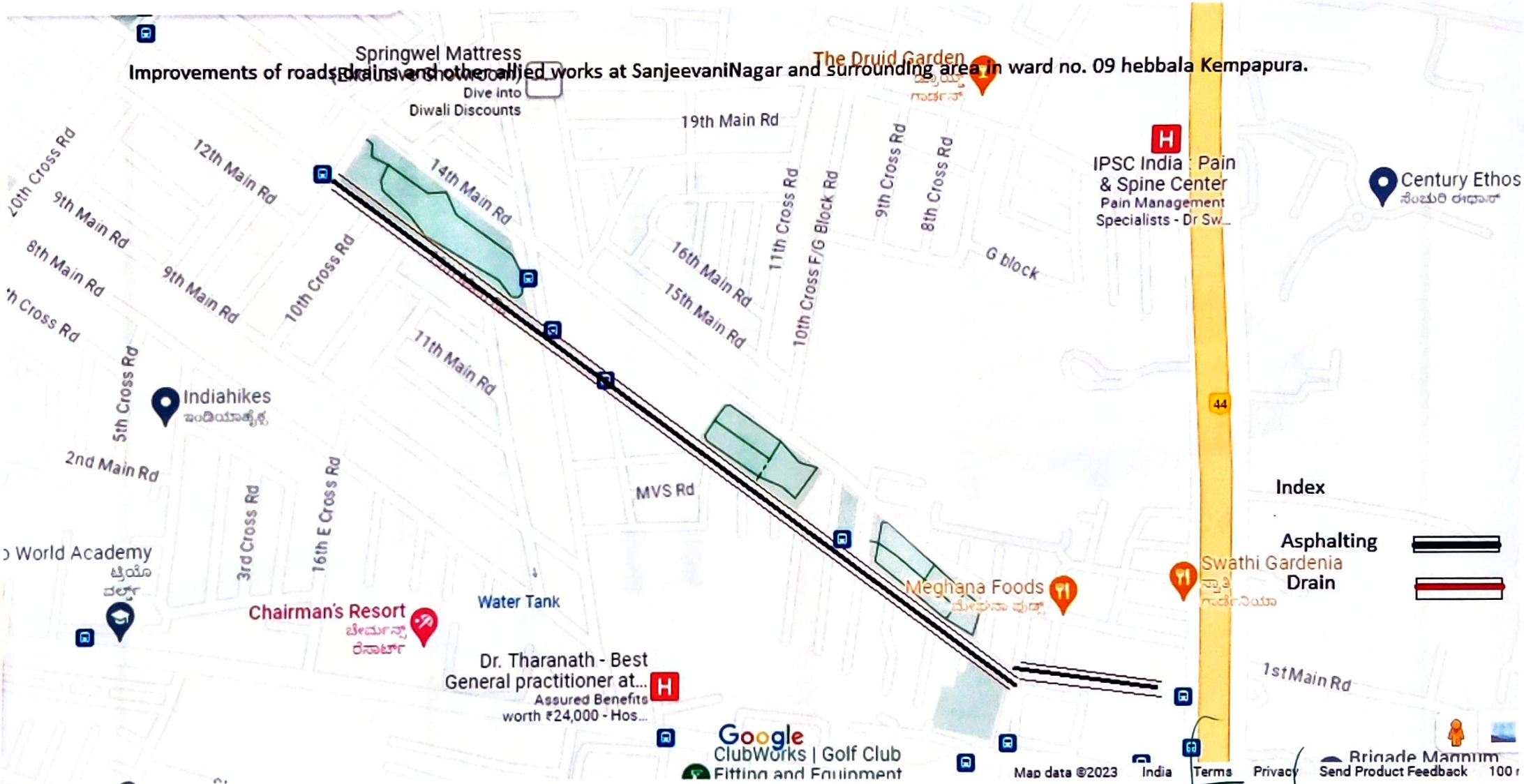
Executive Engineer
Byatarayanapura Division
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Improvements of roads,drains and other allied works at SanjeevaniNagar and surrounding area in ward no. 09 hebbala

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

Improvements of roads,drains and other allied works at SanjeevaniNagar and surrounding area in ward no. 09 hebbala Kempapura.



Assistant Executive Engineer,
Jigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.